

TEAM 7: Apple -Red -Lion

Write below your ideas on the game you want to make in your team :

- The game should be a board game / a card game

- It has to be related to science

Discuss all together

LION TEAM:

Dear partners, we have thought of a game that consists of getting to the end of the board by throwing the dice by moving the chips and the questions of the game that are about science.

Material : We need to play, tokens, board, cards of questions and cards of experiments.

RED TEAM:

We propose you a card game on the scientific's inventions in the form of a timeline .The game consists to put cards in the good order about its dates of invention

LION TEAM:

It's a good idea we can mix the both if you want.

APPLE TEAM:

Also for us it is a good idea, we could do that after throwing the dice based on the number you take a card with the scientific questions, if you answer correctly you proceed otherwise you remain still, the first one who arrives at the end win

EXAMPLE :

1. What is meant by the H₂O formula?

- The water.
- The earth.
- Oxygen.
- The hydrogen.

2 Helium is a chemical element of the periodic table of elements, and is found written as ...

- He.
- H₂o.
- Hoo.
- H.

3 The Moon is ...

- a planet.
- a satellite.
- a star.
- a meteorite

A red giant is ...

- a small, relatively cold star.
- a large white star.

- a small, hot star.
- a large red or orange star.

The bat is a mammal.

- True
- False

Question # 2

Mammals are cold-blooded animals.

- True
- False

Question # 3

Mammals generally (with the exception of monotremes) do not lay eggs, but give birth to already developed young ones.

- True
- False

RED TEAM:

A board game with 3 themes (3 colours on the board)

THEME 1 : The scientifics and their inventions

1. What formula was created by Albert Einstein ?
 - $E=Mc^2$
 - $E=MC^2$
 - $E=ARTE$
 - $E=A^2$

THEME 2 : The universe

1. What's the name of the space rocket which is went on the Moon ?
 - Ariane
 - Apollo 11
 - Soyouz
 - Vega

THÈME 3 : The Earth

2. What's the proportion of water on the planet
 - 73 %
 - 72 %
 - 70 %
 - 71 %

APPLE TEAM:

good idea on the color theme, how we organize for the choice of the game? We believe that we could divide into topics the questions and each theme has a color, for example we could ask questions about discoveries in green, questions about formulas in blue and questions about physics in yellow.

RULES

The goal of the game is to arrive first on the arrival square.

There are three parts which correspond to three different cards colors: green for the earth cards , purple for The Space cards and grey for the scientific inventions cards.

The boxes have the same three colors as the cards, when you end up in a box you draw the corresponding card; if you answer right of the question you can advance by the number indicated of the dice , if you answer wrong you have to go back.

The peculiarity of the die is that it only has 1,2 and 3 on it.

QUESTIONS:

QUESTION ON EARTH

- The time taken by the Earth to make a turn around the sun is:
 - one year
 - a month
 - one day
- How many layers is the Earth divided?
 - 3
 - 7
 - 5
- What is the innermost layer?
 - Nucleus
 - crust
 - coat
- Which of the following isn't a climate factor?
 - Altitude
 - latitude
 - temperature
- The science that studies fossils is called:
 - paleontology
 - historical geology
 - carbonation

- What is the circumference of the Earth?
 - 12000km
 - 25484km
 - 40075km
- How the mountains are created?
- what the element which composes the air?
- What is the largest island in the world?
 - greenland
 - sicily
 - sardinia
- What is the place where there are multiple volcanos?
- What is the saltiest lake in the world?
- What is the proportion of water on the planet?
 - 73%
 - 72%
 - 70%
 - 71%
- What is the highest mountain?
- What are the climatic zones of the earth?
- What is the diameter of the earth ?
 - 25000km
 - 12742km
 - 2400km
 - 10010km

QUESTION ON SPACE

- How many planets are there in our solar system?
 - 9
 - 8
 - 10
- What are the terrestrial planets?
- What is the largest planets?
 - Mars
 - saturn
 - jupiter
- How many layers does the sun have?
 - 6
 - 5
 - 8

- Which planet is closest to the sun?
 - mars
 - mercury
 - venus
- What is the distance between the Earth and the sun ?
 - 181 million km
 - 130 million km
 - 150 million km
- Is pluto considered a planet?
- The heaviest planet in the solar system is:
 - saturn
 - jupiter
 - the earth
- How long does the moon take to go around the earth ?
 - 30 days
 - 29 days
 - 31days
- Approximately hoe old is the Earth?
 - 6,9 billion years
 - 4,6 billion years
 - 3,2 billion years
- When did the sun star to shine?
 - 3 billion years ago
 - 5 billion years ago
 - 7 billion years ago
- A black hole forms as a result of:
 - the explosion of an asteroid
 - the explosion of a star
 - a rift in space
- What is the smallest planet?
- A red giant is ...
 - a small, relative cold star
 - a large white star
 - a small, hot star
 - a large red or orange star
- The moon is...
 - a planet
 - a satellite
 - a star
 - a meteorite

QUESTION ON SCIENTIFIC INVENTIONS

- Who discovered gravity?
 - albert einstein
 - isaac Newton
 - Charles Darwin
- Who discovered DNA?
 - Rosalind Franklin
 - Francis Crick
 - Sigmud Freud
- Who created the formula H₂O?
- Who discovered the stack?
 - Galileo Galilei
 - Isaac Newton
 - Alessandro Volta
- Who invented the printer ?
 - Johann Gutenberg
 - Galileo galilee
 - Enrico Fermi
- Who invented the plane?
 - Leonardo da Vinci
 - Giovanni keplero
 - Louis Pasteur
- Who was Marrie Curie?
 - Chemist
 - Physicist
 - Chemist and phisicist
 - nothing
- Helium is a chemical element of the periodic table of elements, and is found written as...
 - He
 - H₂O
 - Hoo
 - H
- What is meant by the H₂O formula?
 - The water
 - the earth
 - oxygen
 - the hydrogen

- What formula was created by Albert Einstein?
 - E=MC²
 - E=SP⁴
 - E=A²
- Who invented the sewing machine?
 - George A. Maudslay
 - George Pullman
 - Levi Strauss
 - Isaac Singer
- The first thermometer was made by...
 - Galileo Galilei
 - Daniel Gabriel Fahrenheit
 - Leonardo da Vinci
 - Alessandro Volta
- In 1829 W.A. Burt patented...
 - The Frigate
 - The television
 - radio
 - the typewriter
- Who revolutionized the steam engine in the 18th century?
 - James Watt
 - Galileo Galilei
 - Niels Bohr
- When was the wheel invented?